

CLAIMS

1. Stacking column for holding warehouse items, in particular bodywork parts, on the support arms (6) of ratchet levers (7.1-7.6), which pivot around a rotational axis (13) from a resting position into a working position, wherein a plurality of ratchet levers (7.1-7.6) are located above one another or next to one another and co-operate with one another, characterized in that a supporting element (18, 18.1, 18.2) rotates with the ratchet lever (7.1-7.6), and either lies on or against a preceding ratchet lever (7.1-7.6) in the working position.
2. Stacking column for holding warehouse items, in particular bodywork parts, on the support arms (6) of ratchet levers (7.1-7.6), which pivot around a rotational axis (13) from a resting position into a working position, wherein a plurality of ratchet levers (7.1-7.6) are located above one another or next to one another and co-operate with one another, characterized in that a stop (10) projects up from the ratchet lever (13), lying against the rotational axis (13) of the next ratchet lever (7.1-7.6) in the working position.
3. Stacking column according to Claim 2, characterized in that a spacer ring (17.1, 17.2) with a selectable outer diameter is placed on the rotational axis (13) in the area of the stop (10).
4. Stacking column according to one of Claims 1 to 3, characterized in that the ratchet lever (7.1-7.6) can be fabricated out of a sheet metal blank, from which at least one control arm (8) is folded.
5. Stacking column according to Claim 4, characterized in that an upwardly projecting lateral cheek (10) is bent up from the control arm (8).
6. Stacking column according to at least one of Claims 1 to 5, characterized in that the supporting element (18) is integrally joined with the ratchet lever (7.1-7.5).

7. Stacking column according to Claim 4 or 5, characterized in that the ratchet lever (7.1-7.5) consists of a sheet metal blank, from which the supporting element (18) is folded.
8. Stacking column according to at least one of Claims 1 to 3, characterized in that the supporting element (18.2) forms a foot (22), to which a lateral bolt (23) of the preceding ratchet lever (7.4) is allocated.
9. Stacking column according to at least one of Claims 1 to 8, characterized in that the supporting element (18.1, 18.2) also rests on the rotational axis (13).
10. Stacking column according to Claim 9, characterized in that the supporting element (18.1, 18.2) is positively joined with the ratchet lever (7.1, 7.2).
11. Stacking column according to at least one of Claims 1 to 10, characterized in that a face (19, 19.1) of the supporting element (18, 18.1, 18.2) is at least partially rounded.
12. Stacking column according to at least one of Claims 1 to 11, characterized in that the ratchet lever (7.1-7.5) has a guide tongue (20) for sliding on the supporting element (18).
13. Stacking column according to Claim 12, characterized in that the guide tongue (20) is at least partially upwardly directed, in particular curved.
14. Stacking column according to at least one of Claims 1 to 13, characterized in that a latching device (27) is allocated to the uppermost ratchet lever (7.1).
15. Stacking column according to Claim 14, characterized in that a slider (31) with at least one, preferably two, bolts (28, 32) or the like passes through one or two

parallel, curved elongated holes (26.1, 26.2), wherein a bolt (32) presses against the uppermost ratchet lever (7.1) in the locked position.

16. Stacking column according to Claim 14 or 15, characterized in that the slider can be fixed in place by means of a tie bolt (32) in or outside the latching position.
17. Stacking column for holding warehouse items, in particular bodywork parts, on the support arms (6) of ratchet levers (7.1-7.6), which pivot around a rotational axis (13) from a resting position into a working position, wherein a plurality of ratchet levers (7.1-7.6) are located above one another or next to one another and co-operate with one another, characterized in that at least some ratchet levers (7.1-7.6) have allocated to them a spring (37.2-37.6), which moves the respective ratchet lever into the resting position.
18. Stacking column according to Claim 17, characterized in that the springs (37.2-37.6) are arranged on a spring rack (38).
19. Method for manufacturing a ratchet lever for use in a stacking column for holding warehouse items, in particular bodywork parts, on the support arms (6) of ratchet levers (7.1-7.6), which pivot around a rotational axis (13) from a resting position into a working position, wherein a plurality of ratchet levers (7.1-7.6) are located above one another or next to one another and co-operate with one another, characterized in that a sheet metal blank is provided with tongues (11.1, 11.2) to the respective sides of middle section (9) between the support arm (6) and a control arm (8), and the tongues are provided with a respective recess (12.1, 12.2) that extends partially into the middle section (9), wherein each tongue (11.1, 11.2) is bent in the area of the recess (12.1, 12.2).
20. Method according to Claim 19, characterized in that the support arm (6) and/or the control arm (8) is folded from the middle section (9).

21. Method according to Claim 19 or 20, characterized in that a lateral cheek (10) is folded up from the control arm (8).
22. Method according to one of Claims 19 to 21, characterized in that at least one tongue (11.2) has projecting from it a supporting element (18) integrally molded thereto.